



Product Information

Short Description

illmod 2D is the revolutionary sealant tape with an integrated two-level sealing. All joints from 3 – 18 mm can be covered by only 2 sizes. illmod 2D provides excellent sealing for joints between windows and the facade elements of old or new buildings. The sealant tape can either be used individually or with trimming systems. The tape is also suitable for applications in wooden – and metal constructions.

Material

Open-cell soft polyurethane foam, impregnated on the sides.

Colour

- Anthracite

Availability

On rolls, self-adhesive on one side.

Product Advantages

- One tape for a large joint tolerance
- Driving rain resistant up to 600 Pa
- Open to water vapour diffusion

Dimensions/Sizes

Joint depth/Joint width in mm	Operating range* Joint width in mm
14/3 – 9	3 – 9
14/5 – 12	5 – 12
18/6 – 18	6 – 18

* Movement of building components and changes in length related to temperature should be taken into account in measuring specific joint widths.
Additional tape dimensions are available on request.



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Technical Data illbruck illmod 2D

	DIN	Classification
Building material class	4102	B1 (fire-resistant) Z-PA-III-Nr. 2.3160
Resistance to water vapour diffusion	52 615	$\mu \leq 100$
Temperature resistance		-30 °C to +90 °C
Air permeability of joints	18 542	$\alpha < 0.1 \text{ m}^3/[\text{h} \cdot \text{m} \cdot (\text{daPa})^n]$
Weather resistance	18 542	Meets requirements
Driving rain resistance	18 542	Driving rain resistant up to 600 Pa up to the maximum permissible joint width. BG1 (see MPA Bau Hannover Test Report No. 002049-Sz.)
Compatibility with other building materials		Compatible
Shelf life		1 year
Storage temperature		+1 °C to +20 °C

Application

illmod 2D

Tools

Fitting requires a tape measure, a spatula and scissors or a knife.

- Select the correct tape dimension (see table) after determining the width of the joint.
- Remove the protective paper and apply illmod 2D with the adhesive side onto the window or the building structure before the window installation. To each specific length, 1 cm per metre should be added (Fig. 1).
- Butt joint the ends of the tape and ensure a continuous seal.
- Butt joint the tape at the required angle for corners and press it firmly (Fig. 3).
- Aligning and fixing the components: pay attention to the correct width of the joint (See operating range in the table).

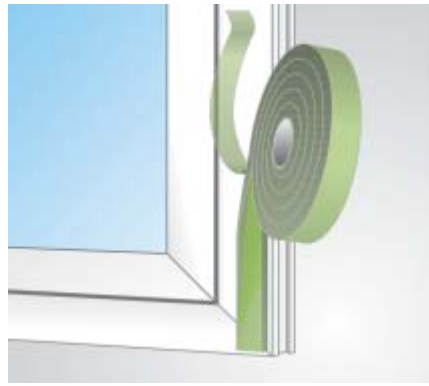


Fig. 1: Removing the protective paper



Fig. 2: Butt-joint



Fig. 3: Fitting tape for window installation

Advice

Excellent application in constructions that allow tape compression during the installation, individually and/or in trimming systems. If the tape is unrolled, expansion will take place immediately.

Service

illbruck's application technology is always available to support and advise you on request.

Additional information

The afore-mentioned information only contains general recommendations. Due to the many different conditions in which applications take place, on which we can exert no influence, and the multiplicity of many different materials, extensive preliminary testing is recommended to examine the characteristics of the material for each specific application.

illbruck Product Range

- illbruck Joint Sealant Tapes
- illbruck PU-Foams
- illbruck Butyl Tapes
- illbruck Sealant Foils
- illbruck Special Products
- illbruck Accessories



illbruck Joint Sealant Tape-Range

Manufacturer's data as of 04/02. Subject to technical modifications.

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